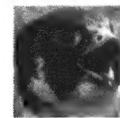


FOLIO

UNIVERSITY OF ALBERTA
1 MAY 1992



INSIDE

- Peregrine falcons back atop Clinical Sciences Building
- Panelists probe 'The Moral Collapse of the University'
- Government funds Engineering's Safety and Loss Management Program

University's setting of priorities a source of pride for President

Paul Davenport, while unable to leap over the Tory Building in a single bound, does possess an abundance of endurance. Rising at 5 or 5:30, he starts his day with exercise (stationary bike, no back-pedaling, of course) and then turns to his mail, electronic and otherwise. He's in the office by 7:30 and embarking on a schedule that's dominated by meetings, the last one of which usually concludes as afternoon gives way to evening. Time to call it a day? Not yet, because he's been called upon to participate at an awards presentation or speak at a fundraising function, or help with a charity event or lend support at a Golden Bears or Pandas game, or ... If the event doesn't go too late, he checks the PROFS E-mail system and the next day's schedule before driving directly home (Riverbend) or to the Edmonton School of Ballet where, their lessons over, daughters, Leslie, 13, and Audrey, 6, are waiting.

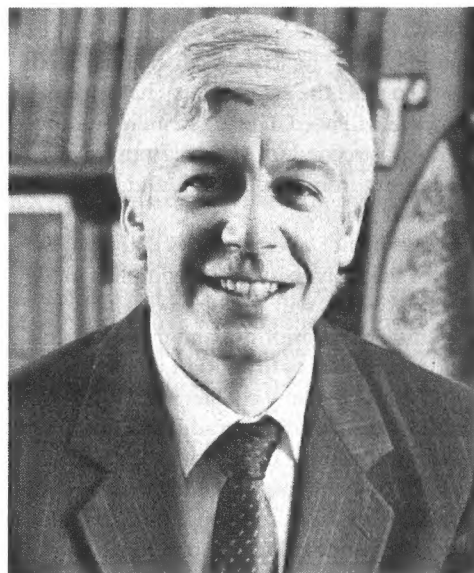
Are weekends free? "Sometimes yes, sometimes no." His Wednesday evening teaching of part of Economics 485, a final year macro economics course that deals in part with the causes of the productivity slowdown in Canada, makes for a refreshing change. "I found

my students to be bright and challenging and a real pleasure to talk to after a long day in the office. If [Department Chair] Mel McMillan is willing, these therapeutic sessions will continue in the future."

Still, the one period when R&D and other business is supplanted by R&R is the month of July, which President Davenport, his wife, Josette, and their children spend in France. "It's our annual escape, a fixed point for family time in an otherwise fairly hectic lifestyle," he says.

Now at the halfway point of his five-year term, Dr Davenport took office 1 August 1989 with the requisite teaching and research experience (economics) and administrative experience (Vice-Principal for Planning at McGill), but readily admits that he had his difficulties adjusting to the "great variety of pressures and activities in which a president gets involved." Overshadowing everything was the need for the University to come together, take stock of its financial problems, and strengthen itself through restructuring.

Ask him what he considers his greatest achievement to date and the President prefers to talk about what the University as a whole



President Paul Davenport community has achieved. Number 1, he believes, is its reaction to "remarkably severe" budgetary restraint in a manner that preserves to the best degree possible the excellence of teaching and research that's at the heart of the University.

Dr Davenport communicates frequently with the presidents of other universities and feels it's fair to say that "we at the U of A have done an unusually fine job of setting priorities and making the tough choices that budgetary restraint requires. Through it all we have held together as a community of students, staff and faculty in a way that many of our counterparts across North America have been unable to do. It is this shared achievement—involving all in our academic community—of which as President I am most proud."

There have been setbacks, with two in recent weeks being particularly hard to take because there was nothing the University could do to influence the decision makers. The provincial government's closure of the Endowment and Incentive Fund to the university sector is "a major disappointment to the U of A," President Davenport says. While senior administrators understand fully the government's own budgetary problems, "we had been planning on a 10-year matching program of \$24 million announced by the government two years ago and working with donors in that context."

Continued on page 2

Universities in the province disappointed provincial government axes matching program

Officials in the two largest universities in the province expressed their disappointment last week that the provincial government had decided to cancel its matching funds program for universities.

Over the past decade the program has injected hundreds of millions of dollars into the universities in the province. But according to Minister of Advanced Education John Gogo, in recognition of the need to limit expenditure growth, adjustments had to be made to the annual funding available through the Endowment and Incentive Fund.

"Funding for the college and technical institutes will continue at the 1991-92 level. The university sector will no longer be eligible for an annual matching grant allocation," the Minister informed the two Board of Governors Chairs, the University of Alberta's Stan Milner, and the University of Calgary's Richard Haskayne, in a 14 April letter.

U of A Vice-President (Development and Community Affairs) John McConnell said, "We had no idea Advanced Education had decided to cancel the matching program. We were quite surprised to learn about this decision."

"The University of Alberta had expected to be eligible for \$24 million in matching funds over the ten-year period, 1989-99. With the government's decision to end the university component of this program, effective 31 March 1992, we will be unable to submit \$17 million for matching."

He pointed out that the University understands the government's difficult budgetary situation and is pleased that Advanced Education would continue to allow universities to submit major gifts for "capital projects of an exceptional nature" for possible matching grants.

"The University of Alberta had expected to be eligible for \$24 million in matching funds over the ten-year period, 1989-99. With the government's decision to end the university component of this program, effective 31 March 1992, we will be unable to submit \$17 million for matching."

John McConnell

Since 1980, the provincial government has had three matching programs: a two-for-one, a one-for-one and an interest matching program. The University of Alberta received \$75,579,467 from all three programs. The two-for-one ended July 1988 and was replaced by the one-for-one matching program.

Faculty of Pharmacy and Pharmaceutical Sciences Dean Richard Moskalyk said, "Obviously, we're disappointed that the government has cancelled the program. We had a one-quarter of a million dollar request to submit for matching and now it looks like the government won't be matching that money."

"Donors who had made gifts eligible for matching under Advanced Education's Endowment and Incentive Fund Program had been counting on the University submitting their donations for matching," said McConnell. "Likewise, Deans and other faculty and staff members had been counting on receiving matching funds for support of professorships, scholarships, research activities and other programs."

In other related news, the Legislative Assembly last month gave second reading to Bill 15, the Universities Foundations Amendment Act, 1992. Last year the government passed legislation which established tax-exempt foundations for each of the four universities, including the University of Alberta 1991 Foundation. As agents of the Crown, the foundations enable donors to make contributions and receive 100 percent of eligible tax benefits in the year they make their gifts.

Bill 15 will amend that previous bill to set up a single foundation for the 13 public community colleges, a single foundation for the two technical institutes and a single foundation for the Banff Centre. The Universities Foundation Act will be renamed the Advanced Education Foundations Act.

In debating the Bill, Gogo said there's no doubt the days ahead are going to be challenging ones for postsecondary institutions. "This minister's and this government's way of encouraging that [seeking private sector funding] is to make provisions through legislation whereby it becomes attractive for donors to

donate under the Income Tax Act to get a 100 percent write-off for the furtherance of the postsecondary system."

The Minister said that since the Act was passed last year, the University of Alberta has "been singularly successful in attracting donations to the tune of \$2.1 million. The University of Lethbridge has received almost \$200,000 under the Act."

Vice-President McConnell said the U of A intends to encourage potential donors to take full advantage of the University of Alberta 1991 Foundation's tax benefits.

Dean Moskalyk said the Foundation will help attract funds. Obviously, it will help some donors who want to take advantage of the tax benefits. Dean Moskalyk, whose Faculty is actively seeking funding from pharmaceutical companies across the country, said some donors found it a little more inviting to donate when they were told that their donations would be, or would likely be, matched by provincial government contributions.

FOLIO ON BIWEEKLY SCHEDULE

Effective with this issue, *Folio*, is on a biweekly publishing schedule. Publication dates between now and September are: 1, 15 and 29 May; 12 and 26 June; and 17 and 31 July. There will be one issue in August, that being on the 28th.

4 September marks the return to a weekly publishing schedule.

President

Continued from page 1

We now face the difficult task of explaining to those who had made donations in recent years that the context has changed entirely and that donations will no longer be matched."

Despite these difficulties, President Davenport says he remains very optimistic for the future. "Our alumni and other friends understand clearly now, as they may not have a decade ago, that private support is vital to the success of a U of A they can be proud of, and for that reason I would expect the very rapid growth in private support for the University over the last decade to continue in the years ahead."

Another disappointment is the continued freezing of the formula capital grant in 1992-93. President Davenport calls it "one more chapter in a sad story that goes back to 1986-87 when the formula grant was cut in half. By Alberta standards we are an old institution with an extremely large physical plant; our current capital grants do not allow us to undertake on an annual basis the maintenance and renovations to that plant which are absolutely essential to its long-term viability."

"The Universities Act forbids us from running an operating deficit and hence we cannot transfer our current difficulties in the operating budget to some future generation. Unfortunately, on the capital side we are doing just that: We are building up a large liability of undone maintenance and renovations in our buildings which will someday have to be paid. A preliminary estimate by Advanced Education places this liability at about \$300 million for the U of A alone over the next ten years; that is over 50 percent of the total such sum over ten years for all advanced education institutions in the province."

"It is urgent, I believe, that the government provide additional capital resources targeted at the maintenance of plant and equipment in our postsecondary institutions and that these resources be allocated among institutions in proportion to a fair assessment of the true renovation needs."

The President stresses the need for a great deal of creativity and new approaches to contend successfully with the growing divergence between society's desire for postsecondary education and the ability of governments to fund expansion for postsecondary institutions. In that regard, he advises that U of A staff are already involved in a number of initiatives pertaining to off-campus delivery of degree programs and "I would expect a major expansion in that area over the coming decade."

With more and more emphasis being placed on computing and video technology, Dr Davenport says the University will need to work more closely with other universities and colleges in the province to ensure that its various programs complement one another and "allow good students to move between institutions according to their educational needs."

"To meet the accessibility challenge of the '90s, we will need to bring in more resources to the postsecondary system: from private donations, from student fees, and from government grants."

President Davenport says that what he hopes the University will accomplish in the next two years will "involve our ability to continue to set priorities and make difficult budgetary choices to support them."

"We have many challenges before us: the enhancement of undergraduate accessibility and improvement of the educational experience of our students; recruiting outstanding graduate students and continuing to build on our many strong doctoral programs; recruiting outstanding faculty and achieving our twin goals of excellence and employment equity in our staff and faculty policies; furthering our international reputation in research and improving our ability to transfer the fruits of our research to the wider community; and enhancing the infrastructure of the University for teaching and research with special emphasis on the library and our computing systems."

"My hope for the future is that whatever our budgetary difficulties over the coming year, we can make significant progress on all those fronts."



Will this scene be repeated? John Folinsbee of the Fish and Wildlife Division believes the answer is yes.

Peregrine falcons settling into Clinical Sciences aerie

The University, specifically a roof of the Clinical Sciences Building, is again home to what is believed to be the pair of wild peregrine falcons that nested there last year.

The falcons, members of a species classed as endangered in Alberta, returned the night of 22 April. Their stay will be monitored by wildlife biologist John Folinsbee in cooperation with building superintendent Les Mash.

The nest site was being watched closely because the birds hatched one of three eggs laid, and raised five foster chicks placed in the nest by Fish and Wildlife staff. Peregrines typically return to the same nest site year after year.

The arrival of the peregrines last spring was only the third urban nest site in Alberta

(one of these was the AGT Tower in Edmonton, to which falcons have also returned), the first urban site occupied by a wild-raised pair, and one of only about 12 known nest sites in the province.

Fish and Wildlife will distribute "Peregrine Updates" to the John Janzen Nature Centre and other agencies concerned with peregrines in Edmonton.

Access to the nest site will be kept to a minimum, says Folinsbee. He also says Fish and Wildlife will contact the Department of Zoology regarding the possibility of volunteer nest site surveillance by students.

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University
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Business professors studying management of professional service firms

Sizable SSHRC grant will fund their research

Professional service firms, such as those in law, engineering, accounting and management consulting, are big business in Canada—and are expected to become even more important. For example, the six largest accounting firms in the country employed 19,704 professional staff in 1989 and had total revenues of \$1.86 billion.

Four Faculty of Business professors have just received \$288,000 from the Social Sciences and Humanities Research Council to study these professional firms.

The goal of the research program is to understand more fully the management and operation of professional service firms, say John Brown, Royston Greenwood and Bob Hinings, all of the Department of Organizational Analysis, and David Cooper of the Department of Accounting. Secondly, the researchers want to continue to test frameworks for understanding the dynamics of change in professional service firms.

Economically connected to all areas of business, these firms represent the kind of organization expected to become more important in the future, since they are service based and staffed by educated, professional workers. Moreover, they are becoming multinational. However, very little is known about just how these organizations work, the researchers say.

Professionals within professional service firms run and own the businesses, so they're not like the normal hierarchical, managerially based organizations.

"We got interested in these firms initially because of all the changes that were going on within them," says Dr Hinings. "Accounting firms have historically grown by mergers. Law firms over the last three or four years have started to grow by mergers. Engineering consulting firms have traditionally taken over smaller firms." In addition, these professional service firms are "going global", developing new kinds of services, bringing in nonprofessionals to manage tasks such as marketing and specialization is increasing.

"Apart from the interest in change, there's just this basic interest in [determining] how you manage a group of professionals who are both owners and workers," Dr Hinings says.

The foursome will study some of the larger international professional service firms. "To date, what we've had to do is look at the Edmonton-Toronto scene," Dr Greenwood says. "What this money enables us to do is to look at the international scene."

While their research will take on an increasingly international dimension, the group points out that Alberta's economy has quite a large professional services sector. "Business services is one of the biggest growth areas in

the modern economy," says Dr Greenwood. "Accounting, engineering services, consulting services are significant players in the Alberta economy, so we need to understand how these organizations manage themselves."

"We think that the way these firms are organized may have lessons for nonprofessional service firms seeking alternative models."

Many organizations are trying to break away from strong, hierarchical models of management. Professional service firms are committed to quality, but they are slow to change.

"Their world is changing, they know it's changing, they're looking for appropriate responses, but it's very hard internally to secure clear directions for change," Dr Greenwood points out. In order to do that, they need the support of the rank and file, which has tremendous power.

The researchers' study is funded for three years, but it will go on well beyond that time. By its very nature, the study will chart the changes occurring within professional service firms over an extended period.

In related news, the Faculty has approved a proposal for a Centre for Professional Service Management. (There is no proposal to allocate new University money to support it.) The group also plans to hold a conference here at the end of May, to which some of the relatively few researchers working in the area will be invited.

The moral collapse of the university: panelists explore Wilshire's contentions

Reviewing a book and its ideas in the context of the U of A

In the *Moral Collapse of the University: Professionalism, Purity and Alienation*, author and professor of philosophy at Rutgers University Bruce Wilshire states: "The neglect of teaching in the university is an ominous symptom. I believe it signals a weakening of our will to live. For if we do not nurture our young and identify with them, we forfeit any hope in the regeneration and continuation of the species; we are walled up defensively within the confines of our egos and our momentary gratifications. But this means that we are not fully alive ourselves."

Wilshire's book is an elaboration of and a response to the pivotal book *The Closing of the American Mind* by Allan Bloom, said Peter Heron (Physical Education and Sport Studies), one of four panelists drawn together recently to discuss "The Moral Collapse of the University", the fourth in the "Educating the Human" series sponsored by the SUB chaplains.

"Wilshire does agree with Bloom's concerns about the decline in emphasis on the classical liberal arts education."

Bloom has provided a rallying cry for right-wing academic conservatives, while Wilshire has tried to provide the same kind of rallying cry for academic liberals, Dr Heron said. Really, what Wilshire is doing is questioning the morality of the institution, the university, and the morality of the academic enterprise.

Elaborating on his response to some of Wilshire's ideas and on his own experiences at the University of Alberta, Dr Heron said people at the University believe in the compart-

mentalization of staff and functions, hierarchical structures, conformity, certification, rites of passage and rituals which are sanctioned.

Cautioning that Canadian universities will have to find the solutions to their problems from within Canada's rich, intellectual and artistic heritage (both Wilshire and Bloom are Americans), Dr Heron said scholars, researchers and teachers have to continually strive to be infinite players and to resist all institutional imperatives which compel them to be finite players.

Dean of Arts Patricia Clements asked, "Is the University of Alberta in moral collapse?"

"What we need to be world class about is who we are, the fact that we are in a particular place with a particular constellation of people and a particular environment. We are very special."

Michael Asch

No. The revolution [Wilshire] calls for I find myself identifying with very strongly [and] with the goals he establishes, though not very strongly with the arguments on which he rests his goals.

"The revolution that Wilshire calls for is, I believe, very largely under way in this institution. Most of the departments I deal with are contending every day with the problems, the questions, the possibilities and the openings of interdisciplinarity. (Citing American think-

ers, Wilshire argues that a 17th century, Cartesian, conception of knowledge has largely determined the structure of the university.)

"Wilshire says that the humanities and social sciences are in very deep trouble. I believe this is false. Unless I'm wrong, it has been the humanities—and to a certain extent the social sciences—that have provided the discourse which has allowed the kind of criticism to occur that occurs in the Wilshire book," said Dr Clements. And the very kind of deconstruction Wilshire attacks has made it possible to analyze the freight and the intersection of power carried by language itself, she pointed out.

"I don't think the humanities are dead ducks yet."

Anthropology Professor Michael Asch invited people to examine the content of the world of the mind, the world of the university and larger world. "If you think about ourselves as Westerners, at the beginning of the century and ourselves now, whether the university's in collapse or not, the fundamental humanistic message seems to have gotten out."

For example, Dr Asch said the Supreme Court of British Columbia's Gitksan-Wet'suwet'en decision last year, which dismissed the aboriginal people's land claim, was decided by the then Chief Justice Allan McEachern who believed the aboriginal people had no rights because they were too primitive to be self-governing when whites arrived.

At the early part of the 20th century that judge's argument would have been widely accepted as a perfectly reasonable one, said Dr Asch. Now, however, it would be considered a crazy idea. "That's just one example of the 20th century, which is to look at the 20th century optimistically," he said.

Within the University, said Dr Asch, structure conflicts with content and some academics have been unwilling or unable to figure out how to make changes. "What I've been watching is the closing down of this place ... as we reach for world class, for this, that and the other thing. What we need to be world class about is who we are, the fact that we are in a particular place with a particular constellation of people and a particular environment. We are very special.

"We need to foster the kind of people who see a vision that is structurally different, and I'm afraid I don't see that kind of vision in terms of the central administration," he said.

Dean Clements agreed on the issue of structure. "Practically everyday we confront the limitations of the structure we've got, and try to imagine our way around them."

Randi Warne (St. Stephen's College), who laid out Wilshire's main arguments for the audience, said his description of the modern research university as completely inadequate to educate "resonates with my own experiences. Many of us have found in our deep desire to learn what it means to be human, healthy and to be in this world appropriately and morally, that the university does not offer us any support. In fact, it can be a very alienating place."

Rutherford Award recipient helps raise level of teaching in Faculty of Science

When the Faculty of Science established its own teaching award in 1981, the Chemistry Department nominated Ted McClung. Dr McClung was subsequently named the first recipient of the award and his teaching in the ensuing years shows that he's built upon that honour.

"There are few members of the department who have taught so many courses at varying levels, from introductory chemistry to upper level undergraduate physical chemistry to graduates courses," says Department Chair Byron Kratochvil. Students, Dr Kratochvil continues, talk about the "beautifully organized set of notes they are able to take in his lectures, and of his sincere interest in their welfare." Sometimes that works both ways. A student in Dr McClung's section of Chemistry 100—the largest section in the department—was so impressed by his teaching abilities that she made a point of enquiring as to whether something could be done by way of formally recognizing Dr McClung. Ideally, that individual will be among the many people who will gather at University House 6 May to see him accept a Rutherford Award for Excellence in Undergraduate Teaching, an award he regards as "the greatest accolade the University can ever give anyone."

For Dr McClung, a typical day consists of "lectures, lab, and students coming to talk to you, sometimes for five seconds, sometimes for an hour." In Chemistry 100, a course he has taught a number of times in the past dozen

years, Dr McClung has often had to, in effect, thread the needle. This is a cornerstone subject, the beginning course that almost every science undergraduate student takes. Classes are large (300 or more), the subject matter is complex, and time is not about to stand still for the repeating of points. One of Dr McClung's strengths, a student relates, is his perception that his students' biggest obstacles are their insecurity and fear of chemistry. "He attacks this insecurity continually by driving home the message that we can do this."

Enthusiasm accompanies the message because, as Dr McClung sees it, "any kid can read the book. If you don't put any enthusiasm into it, it isn't going to fly. I really believe in lectures being live." Chemistry 100, he says, is "all bits and pieces and you have to really work to force it to look like it has some continuity."

A teacher of chemistry since 1969, Dr McClung has found "you have to talk it as you do it." He disdains prepared transparencies, calling them "a real strait jacket", and believes in teaching principles in the context of examples. He does so with a ready smile, one that, another student observes, seems to say "Chemistry is the best thing to happen since the invention of the wheel."

Perhaps the best compliment of teaching is that which incorporates the long view. "I may never study chemistry again," a former student of Dr McClung writes, "but there are concepts that I will never forget, concepts that I may apply in later life, concepts that were taught by someone who cares."

TIME TO COUNT COMPRESSED GAS CYLINDERS

In conjunction with the University's gas cylinder management system, staff of Medigas Inc will be on campus 4 to 8 May to conduct a campus-wide count of all Union Carbide (Linde) compressed gas cylinders in the University's possession.

To ensure an accurate count, team members will require access to all buildings. It's anticipated that the count will have little if any bearing on the University's day-to-day activities.

While making the count, each supplier representative will carry identification cards issued by the University.

"Cooperation on the part of the University community will be appreciated," says MM Craig (Materials Management).

Olive Yonge awarded Rutherford Award for Excellence in Undergraduate Teaching

Olive Yonge's (Nursing) research is well integrated into her teaching and clinical practice, says Faculty of Nursing Dean Marilyn Wood.

Yonge, who has been awarded a 1992 Rutherford Award for Excellence in Undergraduate Teaching, is sought after to present her research at both clinical and research conferences and utilizes her own findings in her class presentations.

"Such integration of teaching, research and clinical practice is unusual and deserves recognition," says Dean Wood, in recommending Dr Yonge as a recipient of the prestigious award.

This is not the first time Dr Yonge's teaching skills have been recognized. She has received the Nursing Undergraduate Students' Award for Teaching twice and has been chosen as the outstanding teacher in the Faculty of Nursing three times in the past five years. External reviews of her course materials indicate she continues to keep abreast of students' learning needs and updates materials where

appropriate. She has been consistently creative and innovative with the teaching materials.

According to a University of British Columbia teacher who formerly taught at the U of A, Dr Yonge is an excellent teacher. "In addition to formulating clearly written and well organized course outlines and other teaching materials, Dr Yonge [has] an enthusiasm for teaching which is too seldom seen in formal educational settings."

Two of her former students said Dr Yonge consistently promoted in her classes an atmosphere conducive to the development of critical thinking by students. "Through the use of student facilitated seminars, the skills of problem solving and independent study were fostered."

Another student said, "I consider Olive's generosity of spirit and her integrity and consistency as a teacher to be a model I would wish to emulate. Her enthusiasm for nursing and her ability to articulate and communicate her enthusiasm contributed to my own decision to pursue my master's degree."

Leading plant molecular geneticist to visit alma mater

Chris Somerville will speak on genetic engineering of higher plants

Chris Somerville, an alumnus of the University of Alberta and a prominent plant molecular geneticist, will visit campus 7 and 8 May. Dr Somerville will present a public lecture on the prospects for genetic engineering of higher plants to produce industrially important products directly on the farm. His talk will be entitled "Creating Renewable Resources from Agricultural Surpluses by Genetic Engineering of Higher Plants" and subtitled "Harnessing Arabidopsis to the Plow," a reference to his favourite research organism, a fast-growing wild mustard species that most people would probably regard as a weed.

Dr Somerville's visit has been arranged by the Department of Genetics with the support of the Faculty of Science and the Office of the Vice-President (Research), to honour his contributions to plant science and to celebrate his election to the Royal Society of London, one of the most prestigious of scientific societies, with a worldwide membership numbering less than a thousand.

Chris Somerville was born in Kingston, Ontario, and spent much of his early life in Alberta. Initially interested in mathematics, he later changed the orientation of his undergraduate program at this University towards genetics. In 1974 he enrolled in the graduate program of the Department of Genetics and, working under A Ahmed, obtained both master's and doctoral degrees in bacterial genetics by 1978. During this time, he attained great facility in genetic analysis of complex biological and biochemical processes.

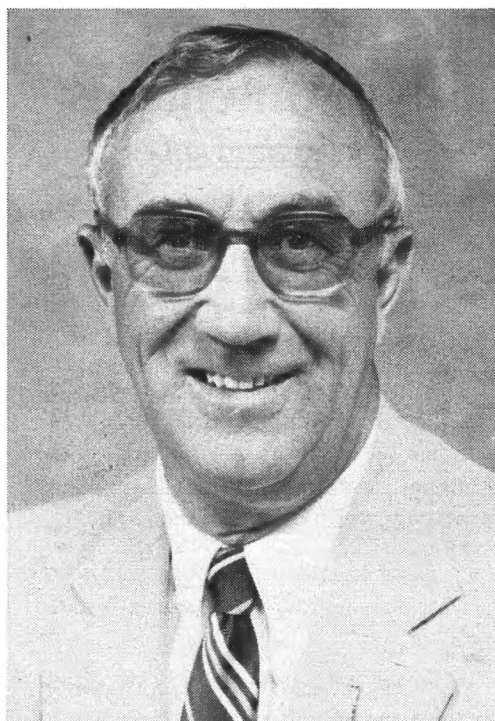
The University of Illinois was his choice for postdoctoral work, because it afforded the

opportunity to apply biochemical genetic methods to higher plants. David Nash, Chair of the U of A's Department of Genetics, says, "Dr Somerville foresaw a pivotal role for such studies in agriculture, with enormous social and economic implications, particularly for Alberta. At Illinois he made spectacular discoveries on a critical component of photosynthesis, photorespiration, following up on research that he started in Alberta, almost as a hobby, while finishing his PhD."

Dr Somerville conducts his research at the Plant Research Laboratory of the US Department of Energy, at Michigan State University. Shortly after his arrival some 10 years ago, he joined an elite cadre of scientists, when he was granted a Presidential Young Investigator Award by the US National Science Foundation.

"Added to an already handsome inventory of research facilities and funding, this very practical award provided him with unfettered access to \$100,000 a year for five years; Canadian governments should take note if they wonder why first-rate scientists drift south of the border," Dr Nash says.

In addition to his public lecture 7 May, Dr Somerville will also present a research seminar to the Department of Genetics during the afternoon of 8 May. He will be accompanied to Edmonton by his wife, Shauna, who has a BSc from the Department of Genetics and a PhD from the Department of Plant Science at this University. She will present a seminar jointly to those two departments 7 May (see "Talks" for details).



Peter Trynchy, Minister Responsible for Occupational Health and Safety and the Workers' Compensation Board

The University of Alberta's Safety and Loss Management Program, Faculty of Engineering, has received \$231,200 from the provincial government.

In making the announcement, Peter Trynchy, Minister Responsible for Occupational Health and Safety and the Workers' Compensation Board, said the strong support and involvement [the Faculty] has gained from industry is to its credit. "Students need to learn about safety early and your program is both practical and effective."

Safety and Loss Management Program backed by government

Imperial Oil's Randy Ottenbreit, who chairs the program's advisory committee, said the supporting companies and agencies share the conviction that Alberta's competitiveness is enhanced by investing in education related to occupational health, safety and loss control. "This program and government and industry's joint participation in its design, funding and implementation are testimony to this."

According to Ottenbreit, funding provided through the Occupational Health and Safety Heritage Grant Program has been instrumental in moving the program towards a financially self-sustaining Chair. (Ottenbreit was referring to both last month's grant and previous years' grants.)

The program advisory committee has representatives from Imperial Oil Limited, Dow Chemical Canada Inc, Shell Canada Limited, NOVA Corporation of Alberta, Syncrude Canada Ltd, Pan Canadian Petroleum, Weldwood of Canada Ltd, Celanese Canada Inc, DuPont Canada Inc, Union Carbide Canada Ltd, provincial government departments and the Faculty of Engineering.

The government wants the University to have the Chair in place by 1995, ensure that the program continues after the grant funds are spent, and broaden industry support for the program. Trynchy suggested that broader support could come from the construction and manufacturing industries.

Bookbinding exhibition sure to interest book enthusiasts

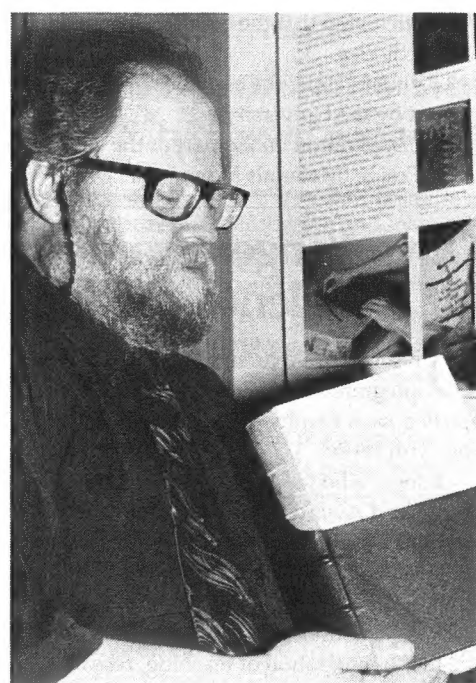
"Two Centuries of Bookbinding: Materials and Techniques, 1700-1900", a travelling exhibition organized by the Canadian Bookbinders and Book Artists Guild, continues at the Bruce Peel Special Collections Library until 29 May.

The exhibition should appeal to booklovers interested in the history of books and physical aspects of books, says John Charles, Special Collections Librarian. It's a very rare and special opportunity for people on campus and in the city to see this kind of exhibition, he said last week, noting that this is the Special Collections Library's first visiting exhibition.

The exhibition focuses on an aspect of Western European and North American book production which often plays a minor role in the study of the development of the book trade. The exhibition includes 30 books from Toronto and is augmented by 46 additional volumes and some tools drawn from the University's permanent collection.

Historical bookbindings provide a wealth of clues ranging from the social status of the books' original owners to the effect of the industrial revolution on the bookmaking process. The exhibition explains how literacy grew during the 19th century and how publishers utilized technological developments and elaborately designed cloth bindings to attract buyers and readers.

The bookbinding usually received less attention than the illustrations and printing; however, the bookbinding did indicate what booksellers or publishers thought customers



Special Collections Librarian John Charles says the exhibition is a rare opportunity to see bookbinding materials and techniques.

would like. The styles and prices of the binding also indicated the taste and wealth of the book's first owner.

The Bruce Peel Special Collections Library, B-7 Rutherford South, is now open 8:30 to 4:30, five days a week. Exhibition catalogues are available on request for \$7. The exhibition moves to the University of Calgary at the end of the month.

CURRENTS

Search Committee for Chair of Oral Biology

David Paton, Chair, Department of Oral Biology, completes his term on 30 June 1992. Dr Paton has indicated he will not be seeking reappointment. Dean Norman Wood has asked HM Dick, Associate Dean (Academic), to serve as chairman of the search and selection committee. There is no vacant position for the appointment of the Chair, therefore the appointment will be internal to the Faculty of Dentistry.

Any member of the University community wishing to comment or advise on the selection of a new Chair for the Department of Oral Biology should do so in writing to Dr HM Dick, Faculty of Dentistry.

Spring Introductory Sign Language class

This noncredit class will be offered Tuesdays and Thursdays, 6:30 to 9:30 pm, beginning 12 May. Cost: \$75 per person. Call Disabled Student Services at 492-3381 to register.

Effective Writing Resources

For more information on the noncredit course "Writing for University" (includes private tutorial help), call Effective Writing Resources (a division of Student Services), 492-2682, or visit 302B Students' Union Building.

Garneau/University Child Care Centre

Nonprofit daycare centre for children ages 2 to 6, located on the main floor of Garneau School, 10925 87 Avenue, has openings starting in June. Educational program, lunch and snacks. Call 439-9050.

University Press book selected for travelling display

For the second time, the University of Alberta Press has an entry in the Book, Jacket, and Journal Show organized by the Association of American University Presses. Its book *Mystical Themes in Milk River Rock Art* by Patricia Barry was chosen in the Illustrated Books category, one of 45 books selected from a field of 304.

A year ago the Press's journal *ALBERTA Studies in the Arts and Sciences* was chosen in the Journal category.

The books and journals will be displayed at the AAUP's Annual General Meeting in Chicago in June and will then travel to a number of universities around the United States. The purpose of the show is to demonstrate the best in current book design, a field in which university presses have traditionally been leaders.

U of A contributes to development of MRC's strategic plan

With the Medical Research Council having its heart set on having a strategic plan in place by mid-June, the University of Alberta and other universities and medical research institutes recently employed what is known in football parlance as the hurry-up offence.

MRC President Henry Friesen says the 21-member Council is "prepared to look beyond the traditional role of MRC to find better ways of using the available funding, and finding new sources of funding."

Acting on an approach devised for MRC by Coopers & Lybrand, the U of A held an open forum at which many points of view were heard and considered. A closed, all-day workshop involving 30 people selected to represent the medical research community then explored the range of options available to MRC. A national conference will be held 12 May to confirm the choices available to MRC, make the tradeoffs and choices that may be required, and clarify implementation plans.

Mark Poznansky, Associate Dean (Research), Faculty of Medicine, organized the forum and workshop along with Carl Betke, Director of the Research Grants Office. Dr Poznansky said that even though the Faculty of Medicine gets about 95 percent of all MRC funds that come to the U of A, it's important that the planning process involve other Faculties such as Nursing, Dentistry and Pharmacy and Pharmaceutical Sciences.

The following are the important areas that were identified in the discussions, Dr Poznansky says: 1) there's unanimous agreement that health care outcomes research must be a priority of MRC (it's recognized that there's no currently no funding to bring this about); 2) basic research is the bread and butter of MRC and future developments in medicine in Canada must be protected at all costs; 3) MRC must exercise caution in the area of targeted research because it's all but impossible to predict where key developments will originate; 4) MRC spends up to 70 percent of its funds on Canadian institutes of health, most of which are in Montreal and Toronto, and the institutes have little contact with the universities; 5) training of MDs and PhDs to form the next generation is haphazard. "We have no plan in place," Dr Poznansky says.

The U of A input into the strategic plan probably won't result in dramatic changes that will affect us directly but some seeds will have been planted, says Martha Piper, Dean of Rehabilitation Medicine. She said the planning process was "very healthy" (this is the first

time MRC has engaged in this kind of activity). "I had the sense they're listening and consulting and soliciting input."

Dean Piper said one of the problems is that new investigators, though they're highly skilled, often find it difficult to obtain funding from MRC. (MRC has a \$250 million budget on a per capita basis that's five times less than what the National Institute of Health in the United States has to work with, Dr Poznansky says.) She would like to see MRC broaden its scope, that is, effect a better balance of bench research with applied research. "There's more to medicine than just curing at the molecular level," Dr Piper says.

The pool of researchers is declining; MRC needs to encourage people to further their research careers, Dean Piper contends. She believes some sort of agency is needed to identify these people because "as it is now they're simply called health professionals and they fall through the cracks."

The MRC is based in Ottawa and is comprised of a full-time president, who is also its chief executive officer, and 21 members, representative of the scientific and lay community. The members serve without remuneration.

Thirty-eight peer review committees, made up largely of faculty from universities across Canada, assist Council. External referees from Canada and other countries are also central to MRC's operation.

Workshop to deal with applying to the MRC

Lewis Slotin, director, Programs Branch, Medical Research Council, will visit the University of Alberta on 26 May. There will be a workshop on MRC research funding during the afternoon (1:30 to 3:30). Dr Slotin will discuss MRC policies and procedures and the Council's perspective on the application process. The workshop, to be held in classroom D, second floor, Walter Mackenzie Health Sciences Centre, will also feature presentations by several faculty members who have been successful in obtaining MRC funding and have sat on MRC selection committees.

It is not necessary to register for this workshop, however, if those interested in attending require more information, they are asked to contact Susan Babcock, Coordinator of Programs, Research Grants Office, at 492-2938.

Lorraine Courtrille, 1956 - 1992

Lorraine Courtrille, community liaison officer for Native Student Services at the University of Alberta, was killed in an auto accident 27 March while returning to Edmonton from a presentation at a Reserve school in northern Alberta. She travelled the province encouraging native youth to attend the University.

Courtrille, a single mother of two boys, graduated from the U of A with a bachelor's degree in Anthropology in September. She worked at Native Student Services for two months and had also been active in the fields of family violence and women's and native issues. She was a strong believer in education as a means of improving the situation of Indian people.

The U of A Aboriginal Student Council has initiated a memorial fund in Courtrille's memory. The bursary will be awarded to an

aboriginal student (with dependents) based on financial need. The bursary will be awarded at the beginning of December of each year, a time of great financial need for students. Donations are welcomed; cheques should be made payable to: University of Alberta, Lorraine Courtrille Memorial Fund, and forwarded to the Development Office, 450 Athabasca Hall, University of Alberta, Edmonton, Alberta T6G 2E8.



Lorraine Courtrille

Tax receipts will be issued for all donations.

TALKS



ACCOUNTING

8 May, 10:30 am

Ken Peasnell, University of Lancaster, and Robert Yaansah, University of Saskatchewan, "An Efficient Contracting Rationale for Quasi-Subsidiaries." 1-27 Business Building.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

5 May, 4 pm

Ann Cowan, instructor, Department of Biochemistry, University of Connecticut Health Centre, "Biogenesis and Subsequent Remodelling of Plasma Membrane Domains in Guinea Pig Sperm." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

7 May, 4 pm

John P Kolega, postdoctoral research associate, Center for Fluorescence Research in the Biomedical Sciences, Carnegie Mellon University, "Regulation of the Structure and Dynamics of Actin and Myosin II in Nonmuscle Cells." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

19 May, 4 pm

Peter J Hollenbeck, assistant professor, Department of Anatomy and Cellular Biology, Harvard Medical School, "Regulation of Axonal Organelle Transport: What's Directing Traffic?" Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

BOTANY

1 May, 1 pm

Zoran Ristic, "Leaf Structure and Physiology in Lines of Maize that Differ in Endogenous Levels of Abscissic Acid and Drought Resistance." M-137 Biological Sciences Centre.

CENTRE FOR RESEARCH IN MATERNAL, FETAL AND NEWBORN HEALTH

7 May, noon

Jonathan Hirst, "Oxytocin and Uterine Activity During Late Pregnancy and Delivery in Rhesus Monkeys." Classroom A, 2F1.01 Mackenzie Health Sciences Centre.

CHEMISTRY

The Fraser W Birss Memorial Lectures

11 May, 11 am

Donald F Weaver, Department of Medicine (Neurology), Department of Chemistry (Medicinal), Queen's University, "Can Quantum Chemistry Improve Old Drugs?: Definitely." V-107 Physics Building.

12 May, 11 am

Dr Weaver, "Can Quantum Chemistry Discover New Drugs?: Probably." V-107 Physics Building.

13 May, 11 am

Dr Weaver, "Can Quantum Chemistry Optimize Future Drugs?: Possibly." V-107 Physics Building.

DENTISTRY

7 May, noon

Inger Kjaer, Royal Dental College, University of Copenhagen, Denmark, "Normal Fetal Cranial Development." Supported by the Alberta Heritage Foundation for Medical Research. 4069 Dentistry-Pharmacy Centre.

12 to 15 May

J Pimlott, S Compton and J MacDonald, "Enhancing Clinical Competency: A Dental Hygiene Participation Program." Information and registration: Debbie Grant, 492-5023. 4069 Dentistry-Pharmacy Centre.

ELEMENTARY EDUCATION

6 May, 3:30 pm

David Symington, Dean of Teacher Education, Deakin University, Australia, "Linking Teacher Education with Business and Industry: Projects in Australia." 122 Education South.

ENTOMOLOGY

15 May, 3:30 pm

Scott O'Neill, Yale Arbovirus Research Unit, Department of Epidemiology and Public Health, School of Medicine, Yale University, "Cytoplasmic Incompatibility: The Mysterious Case of the Giant Killer Sperm." TBW-1 Tory Breezeway.

EXTENSION

7 May, 7 pm

John McIlroy, senior tutor, Manchester University, Department of Extra-Mural Studies, "Issues of Access in Adult, Continuing and Higher Education in the UK and Canada." 5-34 University Centre, 112 Street and 83 Avenue.

GENETICS

7 May, 3 pm

Christopher R Somerville, DOE-Plant Research Laboratory, Michigan State University, "Creating Renewable Resources from Agricultural Surpluses by Genetic Engineering of Higher Plants—Harnessing Arabidopsis to the Plow." E-160 Chemistry Building.

8 May, 3 pm

Dr Somerville, "Genetic Dissection of the Biosynthesis and Function of Polyunsaturated Lipids in Arabidopsis." M-149 Biological Sciences Centre.

PLANT SCIENCE AND GENETICS

7 May, 10:30 am

Shauna Somerville, DOE-Plant Research Laboratory, Michigan State University, "The Genetics of Resistance to Powdery Mildew in Barley." 113 Agriculture-Forestry Centre.

RURAL ECONOMY

5 May, 3 pm

Erwin Reisch, Hohenheim University, Stuttgart, Germany, "GATT from a European Perspective." 511 General Services Building.

SOIL SCIENCE

7 May, 12:30 pm

Rhae Drijber, "Can Sulfonolipids be Used to Monitor the Biomass of Cytophaga in Earthworm Fecal Pellets?" 2-36 Earth Sciences Building.

This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

Repairs to Stadium, Windsor Car Parks about to start

Repairs to Stadium Car Park and Windsor Car Park will get under way 4 May. The work is necessitated primarily by corrosion of the reinforcing concrete and post-tension cables due to the action of de-icing salts carried in by vehicles.

Membrane coating and paving and minor structural repairs will take place at Stadium Car Park. Windsor Car Park will undergo more paving, that is, the waterproof membrane coating begun in 1989 will be finished. (The corroded cables were repaired last year.)

Approximately \$315,000 is necessary to complete the program at Windsor Car Park while costs at Stadium Car Park are pegged at \$150,000 for 1992-93 with additional costs to be undertaken in future years.

Work will continue until the beginning of September. "The window of opportunity is small for us; we need every stall by September," says Dan Pretzlaff, Superintendent, Building Trades Division.

Communication with Windsor Park residents will be ongoing. One problem faced by both residents and the University is the Car Parks' lighting. Residents complain of the brightness; people who park and go to and from their vehicles after hours say the lighting isn't bright enough. Also, while work crews are to abide by city bylaws, it's conceivable that they could fall behind schedule and have to put in some overtime to catch up.

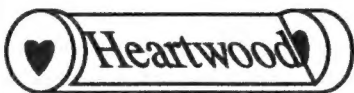
"We'll try to respect their [neighbors'] privacy and quiet hours as much as possible," Pretzlaff says.

The first nine levels of Windsor Car Park were constructed in 1970. A two-level addition was completed in 1988. Concrete slab surface repairs were completed between 1989 and 1991 on Levels 3 to 9. Levels 1 and 2 are slabs on grade and do not require structural repairs.

Stadium Car Park was constructed in 1969 and consists of a slab on grade (Levels 1 and 2) and five suspended parking slabs (Levels 3 to 12).

Canadian Building Digest says deterioration of indoor parking garages has become a very serious problem in recent years, and that major repairs are needed, in many cases, even after five years of service.

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EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS

Until 22 May

"Two Centuries of Bookbinding: Materials and Techniques, 1700-1900"—a travelling exhibition organized by the Canadian Bookbinders and Book Artists Guild. Hours: Monday and Friday, 8:30 am to 4:30 pm; closed weekends. B-7 Rutherford South.

FAB GALLERY

Until 10 May

"Ideas '92"—work by students in Industrial Design. Hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Monday and Saturday, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 28 May

"Celebration of Women in the Arts"—an exhibition which features the work of eleven women artists from Alberta. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm (subject to availability of volunteers). Information: 492-8428, 492-4211. Walter C Mackenzie Health Sciences Centre.

THEATRE

STUDIO THEATRE

7 to 16 May, 8 pm

"Henry IV Part I" by Shakespeare. Information and tickets: 492-2495. Myer Horowitz Theatre.

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 24 April 1992. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR. Positions available as of 24 April 1992.

The salary rates for the following positions reflect adjustments in accordance with the new classification system and pay plan.

- CLERK STENO (Grade 5), Genetics, (\$1,855 - \$2,298)
- SECRETARY (Grade 5), Dental Health Care, (\$1,855 - \$2,298)
- SECRETARY (Grade 5), Ophthalmology, (\$1,855 - \$2,298)
- DEPARTMENTAL/EXECUTIVE SECRETARY (Grade 6), Office of the Dean of Education, (\$2,029 - \$2,530)
- OFFICE SERVICES SENIOR CLERK (Grade 7) (Term to 31 December 1992), Forest Science, (\$2,210 - \$2,769)
- TECHNICIAN (Grade 6), Computing and Network Services, (\$2,029 - \$2,530)
- TECHNOLOGIST (Grade 7) (Trust), Anatomy and Cell Biology, (\$2,210 - \$2,769)
- ADMINISTRATIVE ASSISTANT (Grade 8), Anaesthesia, (\$2,389 - \$3,011)
- CONTROLS FITTER (Grade 8) (40 hr/wk), Physical Plant, (\$3,441)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

- CLERK STENO II (Trust/Term to 31 March 1993), Physical Education (Fitness Unit), (\$8.00/hr)
- TECHNICIAN I (Trust) (Term to 31 March 1993), Microbiology, (\$1,808 - \$2,324)
- TECHNICIAN I (Trust), Psychiatry, (\$1,808 - \$2,324)
- BIOCHEMISTRY TECHNOLOGIST I (Trust), Pharmacology, (\$2,230 - \$2,876)

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RENT - Spectacular view, executive condo, high style. Completely renovated marble, hardwood, silk wallcoverings. Must be seen. 1 August, \$1,775. Western Relocation, 434-4629.

RENT - Country club living in city. Bright, spacious, 2,400' bungalow, one acre. South-west. Three bedrooms, two baths, fireplace in family room. Overlooks Whitemud Creek Ravine. \$1,250, immediate possession. Western Relocation, 434-4629.

RENT - Furnished, two bedroom house, near University. 1 July 1992 - 1 July 1993. \$850/month. 435-2154.

SALE - University area, luxury condo. Two storey, two bedroom, 11160 83 Avenue. 433-6721.

RENT - House, Windsor Park, Saskatchewan Drive, ten-minute walk to campus. 1 July/August 1992 - 1 July/August 1993. 3,000 square feet, furnished/unfurnished, \$1,500/month. 492-3333 work, 439-5260 home.

RENT - Three bedroom bungalow, furnished. Ten minutes to University, \$900/month plus utilities. Owners on study leave from 1 July 1992 to 30 June 1993. Call 492-5980 (work) 453-3392 (home).

RENT - Charming bungalow, 111 Street/77 Avenue. Two bedrooms upstairs, two downstairs, two bathrooms. \$800/month, available May 1992. Call Karim, 428-3841/433-3163.

RENT - Furnished basement; two bedroom suite. Very quiet, nonsmokers, \$595, utilities included. 439-4478.

RENT - Garneau, May - September. Two bedroom, luxurious condo, 1 1/2 baths, well-equipped kitchen, fully furnished, underground parking. \$1,200/month, references, damage deposit, prefer mature persons. 1-865-5310 or 431-0067.

RENT - Two bedroom bungalow, 800', Strathcona (80 Avenue - 107 Street). July 1992 - July 1993, \$580/month, furnished, no pets. 431-1501 evenings.

SALE - Belgravia bungalow, three bedrooms, finished basement, single garage, fenced yard, mature lot. Close to campus, schools, park. 436-3741.

RENT - Deluxe, fully furnished, one bedroom condo, 18th floor, river view, pool, sauna, adjacent to campus. Available 1 June. 492-3633, 433-4136.

RENT - Saskatchewan Drive. Executive, five bedroom, three fireplaces, two storey, overlooking river valley. Four car garage, jacuzzi, great dining room. 1 July, \$2,200 per month. 488-7425.

RENT - Victoria, character house in Oak Bay, 1/2 block from sea, large, secluded garden; summer rent or lease from September, \$1,850/month. Call Hazell or Andrew Penn, 431-1251.

SALE - Immaculate, five bedroom, two storey, overlooking river valley. Super large lot, finished basement. Jacuzzi, great dining room, tailored for family living. Joan Lynch, Re/Max Real Estate, 438-7000, 433-9025.

RENT - Old Strathcona duplex, three bedrooms, washer/dryer, three appliances, garage, private entry. 1-696-2234.

RENT - Three bedrooms, 1,400 square feet, in Riverbend. Two fireplaces, basement developed, bedroom, family room, three baths, five appliances, double garage. \$1,200/month. Two more properties near University. Alice, 445-0930.

SALE OR RENT - Luxury two bedroom condo on Saskatchewan Drive, river valley, city view, air conditioning, five appliances, underground parking, \$190,000 or \$1,500 per month. Alice, Sutton Group, 445-0930.

RENT - Walk to University, executive two bedroom, den, five appliances, fireplace, underground parking. No pets. \$1,195/month. Immediate. 481-3513.

SALE - Riverbend, 1 1/2 storey, reduced. Shows beautifully, three baths, bright kitchen, hot tub. Across from school. Sherry Mailo, Re/Max, 438-7000.

SALE - Bungalow, Grandview, \$225,000, 1,660'. Finished basement, many extras, cul-de-sac. Sherry Mailo, Re/Max, 438-7000.

SALE - Grandview bungalow, \$259,900, 1,900'. Totally redone upstairs, basement, four bedrooms, family room, three baths. Sherry Mailo, Re/Max, 438-7000.

SALE - Grandview bungalow, \$267,000, 2,000'. Ravine view property, finished basement, three fireplaces, sun room. Sherry Mailo, Re/Max, 438-7000.

SALE - Large two storey, four bedroom, quality built home in beautiful Lansdowne location. Ed Robinson, Royal LePage, 437-7480.

RENT - Studio suite, Spring/Summer Session, \$220, utilities included, close to University, 435-8568.

SALE - Enchanting University home that tastefully blends traditional and contemporary features. 439-2948.

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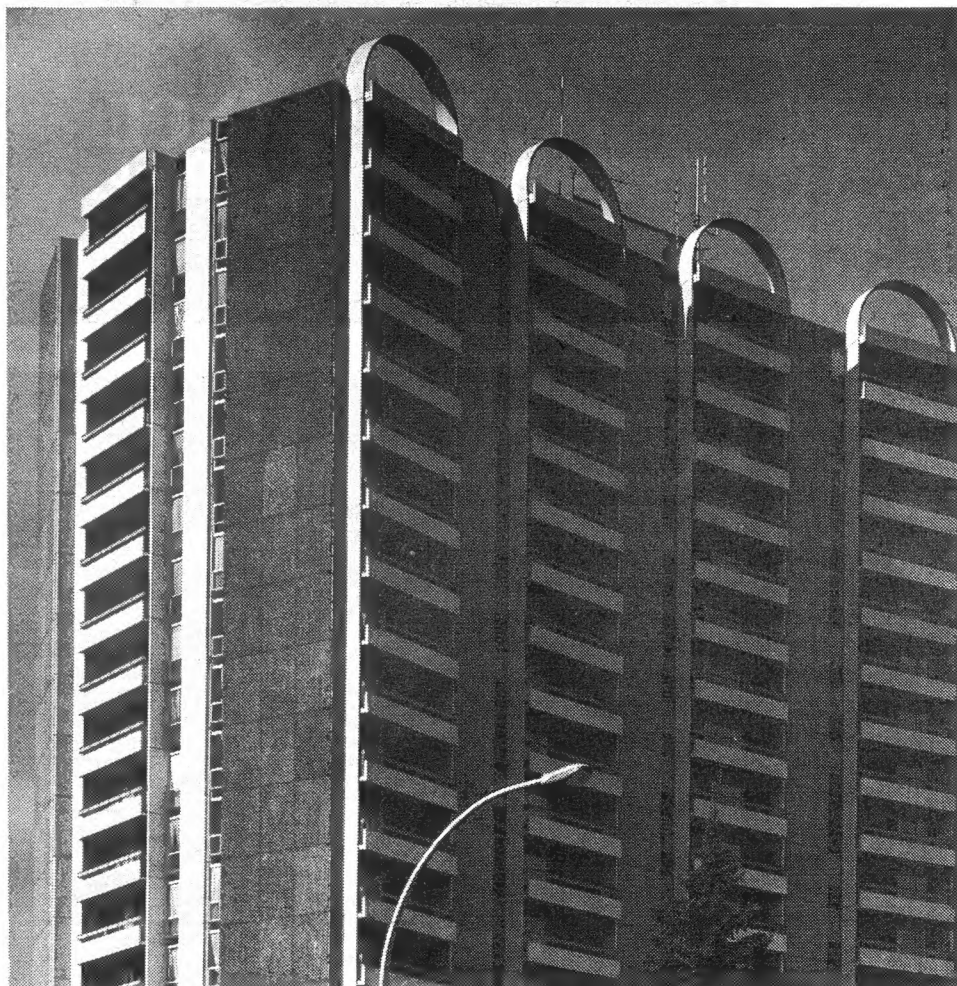
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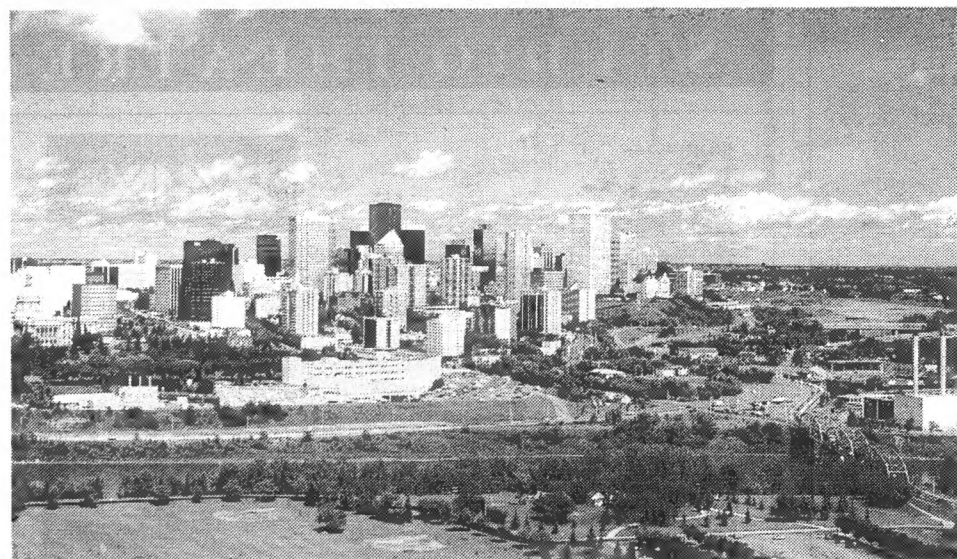
COLOUR DRAWINGS by George Samuel, retiring English professor. Opening: 9 May, 2 pm. Serendipity Shop, 9860-90 Avenue. 9 May - 6 June. Hours: 10 am-5 pm Tuesday-Saturday; 10am-8pm Thursday.

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STRATHCONA HOUSE is a prestigious 19 story residential high-rise strategically located high above the River Valley only a few minutes from downtown Edmonton and University of Alberta.

BUY NOW from \$70,900

THE LIFESTYLE

Residents have at hand a wide range of resort amenities. In front of the building peaceful bicycle paths and jogging trails wind their way through acres of tranquil parkland. Adjacent to Strathcona House, *The Kinsmen Recreational Centre* provides tennis, squash, and raquetball courts and an olympic swimming pool for the dedicated sports enthusiast. Minutes away from the centre, the avid golfer finds challenging golf courses that nest along the shores of the River Valley.

THE BUILDING!

Strathcona House boasts an unrivalled view of the city and North Saskatchewan River valley. It also provides to its residents a leisure centre that includes an indoor pool, saunas, a fully-equipped exercise room and a comfortable lounge.

448-6000 ²⁴Hours